

Exhibit 47

ADVANCED CARDIOVASCULAR SYSTEMS
EXTRUSION DATA SHEET

START TIME: EXTRUSION #: 10-602-1 AMOUNT (FEET): 1000
FINISH TIME: DATE: 6/17/94 SIGNATURE/DATE 6-17-93

MATERIALS : MATERIAL DESC. LOT# : RM#

PEEK VICTREX

EXTRUDER 10 PROCESS PERSON T.TOMAS
REQUESTOR S.SCHAIBLE
PRODUCT SHAFT SA#
SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY) FLUSH EXPERIMENTAL Y
DIE I.D. .094 OVAL N ROUND Y PRODUCTION N
MANDREL O.D. .072 XHEAD Y STRAIGHT N
SCREW TYPE PE-4770-3
SCREEN TYPE 20 80 20
START ID/OD .033/.038
FINISH ID/OD .033/.038

PROCESS PARAMETERS

TEMPERATURE SETPOINTS		SPEEDS & SETPOINTS		PSI & AIR	
ZONE 1	575-0.0 MELT <u>789-0.0</u>	SCREW RPM	2.0	HEAD PSI	2380.0
ZONE 2	650 0.0 DIE 1 32.0	PSI SET	2402.0	DIE PSI	2402.0
ZONE 3	675.0 DIE 2 0.0	EXTR. AMP	13.7	AIR PSI 1	5.0
CLAMP	675.0 DIE 3 675.0	PUL SPEED	41	2	0.2
INLET	675.0 W/B TEMP 0.0	W/B DIST.	1 INCH	3	0.3
G/PUMP	0.0			4	0.4
PMP OUT	565.0				
XHEAD	0.0				
MATERIAL DRYING TMP. <u>320</u> DEWPOINT <u>-60</u> # OF HRS DRYING <u>12</u>					

ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT	ACTUAL 1	ACTUAL 2	ACTUAL 3	ACTUAL 4	ACTUAL 5
G/PUMP PSI					
PUMP AMP					
SCREW RPM					
EXTRUDER AMP					
PULLER SPEED					
BARREL 1					
BARREL 2					
BARREL 3					
HEAD PSI					
TUBING O.D.					
AVG.DIA.					
AVG.STD.DEV.					

DOE

ADVANCED CARDIOVASCULAR SYSTEMS
EXTRUSION DATA SHEET

START TIME: EXTRUSION #: 10-603-1 AMOUNT (FEET): 1000
FINISH TIME: DATE: 6/17/94 SIGNATURE/DATE Jim 6-17-94

MATERIALS : MATERIAL DESC. LOT# : RM#

PEEK VICTREX

EXTRUDER 10 PROCESS PERSON T.TOMAS
REQUESTOR S.SCHAIBLE
PRODUCT SHAFT SA#
SET-UP PARAMETERS:

MANDREL LGTH (EXT ONLY) FLUSH EXPERIMENTAL Y
DIE I.D. .094 OVAL N ROUND Y PRODUCTION N
MANDREL O.D. .072 XHEAD Y STRAIGHT N
SCREW TYPE PE 4770-3
SCREEN TYPE 20 80 20
START ID/OD .033/.038
FINISH ID/OD .033/.038

PROCESS PARAMETERS

TEMPERATURE SETPOINTS				SPEEDS & SETPOINTS		PSI & AIR		
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ZONE 1	<u>565.0</u>	MELT	<u>799</u>	0.0	SCREW RPM	2.0	HEAD PSI	2323.0
ZONE 2	<u>650.0</u>	DIE	1	32.0	PSI SET	2366.0	DIE PSI	2337.0
ZONE 3	715.0	DIE	2	0.0	EXTR. AMP	15.4	AIR PSI 1	1.9
CLAMP	715.0	DIE	3	715.0	PUL SPEED	53	2	0.2
INLET	715.0	W/B TEMP	0.0	W/B DIST.	1 INCH	3	0.3	
G/PUMP	0.0					4	0.4	
PMP OUT	565.0							
XHEAD	0.0							
MATERIAL DRYING TMP. <u>320</u>				DEWPOINT <u>-60</u>		# OF HRS DRYING <u>12</u>		

ACTUAL PARAMETER COLLECTED EVERY 10 MINUTES

SETPOINT	ACTUAL 6	ACTUAL 7	ACTUAL 8	ACTUAL 9	ACTUAL 10
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G/PUMP PSI	2085	2375	2365	2293	
PUMP AMP	0	0	0	0	
SCREW RPM	2	2	2	2	
EXTRUDER AMP	10	17	16	14	
PULLER SPEED					
BARREL 1	2025	2339	2373	2244	
BARREL 2	0	0	0	0	
BARREL 3	0	0	0	0	
HEAD PSI	2085	2375	2365	2293	
TUBING O.D.	0.0000	0.0000	0.0000	0.0000	
AVG.DIA.	0.0000	0.0000	0.0000	0.0000	
AVG.STD.DEV.	0.0000	0.0000	0.0000	0.0000	